

A LIST OF THE DIPTERA MET WITH IN CORK  
AND KERRY DURING THE SUMMER OF 1901,

WITH SOME NOTES ON THEIR HABITS, ETC.

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Two or three visits paid to Glencar, Waterville, &c., during the shooting season, had duly impressed me with an idea of the probable richness of that district as an entomological hunting-ground, and this, combined with the paucity of Irish records to be found in Verrall's "British Flies," vol. viii., made me decide to spend the summer months of 1901 in that neighbourhood.

The results have, perhaps, been unsatisfactory—no large showy novelties having been met with, while the richness of the dipterous fauna cannot compare with that of a good district in England or Scotland; still, to be able to record the capture of such insects as *Microdon mutabilis*, *Eristalis cryptarum*, *Gymnosoma rotundatum*, and *Allophora fasciata* prevents these results from being described as bad.

All specimens connected with the forthcoming volume (vol. v.) of Verrall's "British Flies" have been handed over to Mr. Verrall *en masse*, and will probably be referred to in due course, but pending the issue of that work the identifications must be taken as provisional.

I am indebted to Messrs. Verrall and Austen for much assistance in the identification and verification of the species enumerated; in fact, but for the kind aid of these gentlemen, this list would probably have never seen the light.

The publication of local lists of Diptera is of doubtful utility; still a beginning has to be made, and it is hoped that this list, combined with those published by Haliday, may form a nucleus round which a complete catalogue of the Diptera of Ireland can be built up. The identification of these Irish specimens has presented many unexpected difficulties—many (one may even say most) of them showing marked variation from the types.

MYCETOPHILIDÆ.

*Asindulum flavum*, Winn.—Parknasilla, July 17.

**BIBIONIDÆ.**

**Dilophus febrilis**, Linn.—Caragh Lake, Aug. 14, male and female (in coitū).

**SIMULIDÆ.**

**Simullum reptans** ? Linn.—Glengariff, June 17.

**CHIRONOMIDÆ.**

**Chironomus annularis**, Degeer.—Kenmare, June 26.

**C. sp. inc.**—Parknasilla, July 17.

**C. sp. inc.**—Waterville, Aug. 2.

**Ceratopogon sp. inc.**—Glengariff, June 17, taken in company with *S. reptans*, and these two species seem to be the common biting pests of the district, where, however, biting flies are not common, their place being taken by ticks (*Ixodes*) of many species and in all stages of development. This *Ceratopogon* is much commoner than *S. reptans*, the proportion being roughly estimated at 6:1. In Scotland the proportion would probably be the other way about.

**CULICIDÆ.**

**Culex nemorosus** ? Meig.—Kenmare, June 26. A specimen referred to this species with great doubt, as it has no silvery fleck at the tips of the femora.

**PTYCHOPTERIDÆ.**

**Ptychoptera scutellaris**, Meig.—Loo Bridge, June 29.

**LIMNOBIDÆ.**

**Coniomyia tenella**, Meig.—Glengariff, June 15.

**Limnophila ochracea**, Meig.—Glengariff, June 11.

**TIPULIDÆ.**

**Pachyrrhina annulicornis**, Meig.—Glengariff, June 17.

**Tipula lateralis**, Meig.—Waterville, July 26.

**T. gigantea**.—Glengariff, June 12.

From the above meagre list it will be seen at a glance how little attention was paid to the Orthorrhapha Nematocera.

**STRATIOMYIDÆ.**

**Nemotelus sp. inc.**—Kenmare, male, June 30. Mr. Verrall notes on this specimen: "Almost certainly an undescribed species, differing from *N. patherinus*, Linn., by shorter snout, more blackened anterior tibiæ, and many other small characters."

**Stratiomys furcata**, Fab.—Caragh Lake, Aug. 20. A single specimen. *S. furcata* and *S. riparia* are probably only forms of one species.

- Odontomyia viridula**, Fab.—Kenmare, Darrynane, Waterville. Very common at the last-named locality round the shores of the small loch near the mouth of the River Inney.
- Chrysonotus bipunctatus**, Scop.—Phoenix Park, Dublin, male, Sept. 5. Sitting on wet mud in the stream running down near The Magazine.
- Sargus flavipes**, Meig.—Valencia Island, Caragh Lake, and Kenmare. Very common at Caragh Lake—the females sitting on cow-dung, the males on leaves of sycamore, lime, aspen, &c. Mr. Verrall notes of a ♀ taken at Valencia Island, 10th Aug., that it seems identical with the Forest of Dean species (*S. rufipes*).
- S. Iridatus**, Scop.—Glengariff, June 18. Kenmare, June 27 and July 7. Parknasilla, July 18. This species appears in Verrail's List as *S. infuscatus*, Meig.
- Chloromyia formosa**, Scop.—Kenmare, June 28. Darrynane, July 31.
- Microchrysa polita**, Linn.—Glengariff, June 15 to 19.
- Beris vallata**, Forst.—Kenmare, June 28. Cloonee, July 3. Parknasilla, July 24.

#### TABANIDÆ.

- Haematopota pluvialis**, Linn.—Kenmare, Parknasilla, Ardgroom, Beown Mountain, and Loo Bridge. Common.
- H. crassicornis**, Whlbg.—Glengariff, June 12.
- Theriopectes sp.**—Kenmare, June 28 to July 4. Glengariff, June 13. Mr. Verrall considers these specimens as probably distinct from *T. solstitialis*, Meig.
- T. montanus**, Meig.—Loo Bridge, Staigue Fort, and Glengariff in some numbers; the males common at Loo Bridge, sitting on Umbellifera heads.
- Atylotus fulvus**, Meig.—Glengariff, male, June 23. Kenmare, June 30 to July 10. Loo Bridge, July 6. Uncommon.
- Tabanus sudeticus?** Zlr.—Kenmare, very common. Glencar, Loo Bridge, and Staigue Fort. Mr. Verrall does not seem to be satisfied about the identification of these specimens, and even suggests that they may belong to an undescribed species; he adds, "make somebody catch the male next summer." Any volunteers for this job! The females are very common along both banks of the Kenmare River, quite close to the Southern Hotel. So much so that on July 7th, near Killowen Church, I had 18 specimens in my cyanide bottle at one time.
- Chrysops relictus**, Meig.—Kenmare, both sexes plentiful in some marshy ground near Drumnassig Bridge, Parknasilla, Loo Bridge.

#### LEPTIDÆ.

- Leptis scolopacea**, Linn.—Glengariff, June 12. Cloonee, July 3. Parknasilla, July 12. Beown Mountain, July 23.

- L. lineola**, Fab.—Kenmare, July 9. Waterville, July 28 and August 1. Darrynane, July 31. Glencar, August 16. Common.
- Chrysopilus auratus**, Fab.—Glengariff, June 12. Common everywhere.
- Atherix marginata**, Fab.—Waterville, both sexes, August 3. Kenmare, female, August 26. Rare.

#### ASILIDÆ.

**Philonicus albiceps**, Meig.—Waterville and Dooks (Glenbeigh), very common on the sand hills. A female taken at Dooks was preying on a *Lucilia*, but at Waterville the usual quarry was *Orygma luctuosum*, though now and again an Anthomyid was taken. On more than one occasion instances of cannibalism were met with, and one (at any rate) of these was that of a female preying on a female. This was the only Asilid met with, and, speaking generally, predacious flies (*Scatophaga stercoraria* excepted) were uncommon. A few Empidæ and Dolichopidæ, only one species of Cordylura (and that in small numbers) and Scatophaginæ in some numbers, both in individuals and species, were almost the only representatives of this group of Diptera.

#### BOMBYLIDÆ.

**Bombylius canescens**, Mik.—Glengariff, June 16, 18, and 19. Kenmare, June 27 and July 10. Common. As nothing has been put on record regarding the hosts, ovipositing habits, &c., of this Dipteron the following notes may be of interest:—Roughty Bridge, near Kenmare, June 27. A female was observed hovering over a bit of bare ground containing numerous burrows of small Hymenoptera; she was hovering about 12 inches above the surface of the ground, and every now and again brought the point of her abdomen round under her thorax, and gave a sort of "flick," which gave one the impression that she was throwing off an egg; if such was the case, the eggs must be cast about at hazard, the larvæ finding their way after hatching to the nest of the Hymenopteron, either by clinging to the host, or else by crawling about until a suitable burrow is found. The above female *Bombylius* was caught, and also several bees, the apparent owners of the burrows over which she was hovering. The bees have been kindly identified for me by Mr. Saunders as *Halictus rubicundus* and *H. nitidiusculus*.

July 10th.—South Bank of the Kenmare River, about one mile below the Suspension Bridge.

On this occasion *Bombylius canescens* was flying in some numbers over a bank running alongside of a country road (a rough estimate of the numbers made at the time was 40 specimens). In order to ascertain what was going on, a length of about 4 yards was selected and a watch kept on the insects working this stretch. The regular frequenters appeared to be 11 *Bombylii*, numerous bees, and a few

Anthomyidæ. The Bombylii were, however, acting in a manner quite different from the female observed on the 27th June; several times one of them was seen to settle on the ground near the burrow of a Hymenopteron and to remain quite still, and it was assumed that she was ovipositing, but though the spot was carefully marked and the neighbourhood searched with a lens, no sign of an egg could be found, and the conclusion eventually arrived at was that they were not ovipositing, but were all old spent females basking in the sun and making the most of the last few hours of their existence. All these (40?) Bombylii were much worn, and therefore useless as specimens. A stroke of the net was, however, made at one of them, and resulted in the capture of 1 Bee and 1 Bombylius. The bee has been identified for me by Mr. Saunders as *Halictus villosus*, female. *Bombylius canescens* appears, therefore, to be a parasite on more than one species of Halictus. In the *E. M. M.*, vol. xiv., 1878, p. 196, Dr. Chapman published some remarks "On the Economy, &c., of Bombylius," but neither the name of the species of Bombylius observed ovipositing nor that of the host was given, while the remarks concerning the larvæ, &c., all refer to *Bombylius major*. The ovipositing species was, however, probably *B. canescens*, and Dr. Chapman's observations agree fairly well with mine, though in my case the female did not approach nearly so close to the burrow of the Hymenopteron, nor did my sight allow me to see a small white egg thrown off.

#### THEREVIDÆ.

- Thereva annulata**, Fab.—Waterville, June 30—July 2. Dooks (Glenbeigh), Aug. 15. Fairly common on the sand hills.
- T. sp. inc.**—Darrynane, female, July 31. Waterville, female, Aug. 2. The only specimens. These two specimens are in Mr. Verrall's hands, and have not yet been clearly identified.

#### EMPIDÆ.

- Hybos fumipennis**, Meig.—Beown Mountain, July 22. Not in Verrall's List.
- Rhaphomyia tenuirostris**, Fall.—Loo Bridge, Aug. 28. This may belong to *R. variabilis*, Fall., of Verrall's List, but the insect agrees best with the description of *R. tenuirostris*.
- R. flava**, Fall.—Glengariff, male, June 12.
- Empis livida**, Linn.—Kenmare, June 30 to July 7. Common, Valencia Island, Aug. 8.
- Hilara sp. inc.**—Waterville, July 26.
- Ædalea stigmatella**, Zett.—Glengariff, June 12.
- Ocydromia glabricula**, Fall.—Waterville, Aug. 4.
- Tachydromia sp. inc.**—Waterville, July 26.

## DOLICHOPIDÆ.

- Psilopus platypterus**, Fab.—Glengariff, male, June 15; female, June 18. Parknasilla, male, July 21. Waterville, female, Aug. 4.
- Dolichopus atripes**, Meig.—Beown Mountain, male, July 22.
- D. atratus**, Meig.—Glengariff, male and female *in coitu*, June 17. Glengariff, three females, June 12.
- D. discifer**, Stanh.—Glengariff, male and female *in coitu*, June 15.
- D. urbanus**, Meig.—Glengariff, male, June 12.
- D. acuticornis**, Wied.—Waterville, male, July 27 (in italics in Verrall's List).
- D. æneus**, Degeer.—Glengariff, male, June 13.
- Tachytrechus consobrinus**, Walk.—Kenmare, female, July 2.
- Gymnopternus cupreus**, Fall.—Glengariff, male, June 12.
- G. ærosus**, Fall.—Kenmare, female, July 2.
- Argyra diaphana**, Fab.—Glengariff, female, June 12.
- A. argentina**, Meig.—Valencia Island, male, Aug. 8.
- A. leucocephala**, Meig.—Glengariff, male, June 12. Darrynane, male, July 31.
- Rhaphium longicorne**, Fall.—Glengariff, three males, June 21. Glengariff, two females, June 12.
- Hydrophorus præcox**, Lehm.—Waterville, male and female, July 30.
- Liancalus virens**, Scop.—Valencia Island, male, Aug. 7. Valencia Island, female, Aug. 8.

## LONCHOPTERIDÆ.

- Lonchoptera trilineata**, Zett.—Kenmare, July 2. Not in Verrall's List, but was recorded by Brunetti in *Entomologist*, 1890, p. 124; *vide* too Verrall's remarks on p. 151.

## PIPUNCULIDÆ.

- Pipunculus furcatus**, Egger—Glengariff, male, June 15. Kenmare, female, June 26. Two unusually large specimens.
- P. zonatus**, Zett.—Glengariff, male, June 17. Kenmare, July 5. Parknasilla, July 24.
- P. varipes**, Meig.—Valencia Island, male, August 7.
- P. pratorum**, Fall.—Glengariff, male, June 17. Darrynane, male, July 31. Valencia Island, female, August 10.
- P. flavipes**, Meig.—Glengariff, female, June 13. Kenmare, male, September 1. Three specimens.
- P. confusus**, Verr.—Glengariff, female, June 12.
- P. littoralis**, Beck.—Waterville, 27th July to 2nd August. Very common on the sand hills near the mouth of the Inny.
- Chalarus spurius**, Fall.—Valencia Island, male, August 8. Glengariff, female, June 12. Fairly common.
- Verrallia aucta**, Fall.—Glengariff, male, June 28. Kenmare, male, June 27. Parknasilla, female, July 12. Rather rare.



## SYRPHIDÆ.

- Paragus tibialis**, Fall.—Waterville, July 28. Staigue Fort, July 19. Kenmare, July 5. Loo Bridge, July 6. Ardgroom, July 20. Uncommon.
- Pipizella virens**, Fab.—Beown Mountain, male, July 22. Parknasilla, female, July 15. Kenmare, female, June 28. Uncommon.
- P. Heringi**, Zett.—Glengariff, female, June 24. The only specimen.
- Pipiza noctiluca**, Linn.—Kenmare, two males, June 26 and July 7. Parknasilla, male, July 13. Darrynane, July 31.
- P. fenestrata**, Meig.—Valencia Island male, August 7; female, August 10. Loo Bridge, female, August 28. Caragh Lake, female, August 13. These four specimens apparently belong to Verrall's interpretation of *P. fenestrata* (Verrall, "British Flies," viii, p. 171). Whether they belong to *P. fenestrata* of Meigen is another question.
- P. bimaculata**, Meig.—Glengariff, males, June 14 to 23. Four specimens.
- P. signata**, Meig.—Kenmare, male, July 4.
- The above four species agree fairly well with the description given in Verrall's "British Flies," but the identification is by no means certain.
- Logaster metallina**, Fab.—Kenmare, Loo Bridge, Glengariff, and Valencia Island. Common.
- Chrysogaster splendens**, Meig.—Kenmare, June 28 and July 4. Not uncommon.
- C. hirtella**, Loew—Common and generally distributed. Glengariff, Cloonee, Ardgroom, Loo Bridge, Waterville, and Glencar.
- C. Macquarti**, Loew—Loo Bridge, male, August 24. A female taken at Loo Bridge on the same day is referred to this species with doubt.
- C. virescens**, Loew—Glengariff, June 12 and 15.
- C. chalybeata**, Meig.—Waterville, August 2. Immature.
- C. solstitialis**, Fall.—Kenmare, July 9. The only specimen, though this species is generally looked on as a common insect.
- Chilosia scutellata**, Fall.—Loo Bridge, male, July 6; Parknasilla, male, July 21.
- C. pulchripes**, Loew—Valencia Island, female, Aug. 7.
- C. variabilis**, Panz.—Kenmare, male and female, July 4; female, July 5.
- C. illustrata**, Harris—Kenmare, Parknasilla, Waterville, and Valencia Island. Very common. Most of these specimens are clothed with dense foxy-red pubescence; this beautiful pubescence gives them (when flying in the sunshine) almost the appearance of *C. chrysocoma*. This Irish form almost deserves a varietal name.
- C. albitarsis**, Meig.—Glengariff, female, June 20. If *C. flavimana*, Meig., be a distinct species, these two specimens probably belong thereto.

Some specimens of this genus, representing 3 sp. inc., have been given to Mr. Verrall for identification.

- Platychirus manicatus**, Meig.—Waterville, females, July 30 and Aug. 2.
- P. peltatus**, Meig.—Loo Bridge, males, July 6; Kenmare, male, June 30.
- P. scutatus**, Meig.—Glengariff, male, June 12; Loo Bridge, male, Aug. 28; Valencia Island, Aug. 7; Darrynane, female, July 31; Kenmare, July 2.
- P. albimanus**, Fab.—Caragh Lake, male, Aug. 14; Parknasilla, female, July 24; Caragh Lake, female, Aug. 20.
- P. fulviventris**, Macq.—Kenmare, male, June 27; 3 specimens at a bed of the Common Reed near Roughty Bridge.
- P. perpallidus**, Verr.—Loo Bridge, male, Aug. 24; female, Aug. 24 and 25. The male appears to have a fringe of distinctly dark hairs on the middle part of the front femora behind; according to Verrall (*l.c.* p. 291) this fringe should be all yellow.
- P. clypeatus**, Meig.—Numerous specimens from Kenmare, Loo Bridge, Parknasilla, Valencia Island, and Caragh Lake.
- P. angustatus**, Zett.—Kenmare, male, July 10 and Aug. 27; Parknasilla, male, July 13; Loo Bridge, male, Aug. 24; Valencia Island, both sexes, Aug. 7; Clonee, female, July 3.
- Pyrophæna granditarsa**, Forster—Kenmare, July 2; Loo Bridge, June 28; Glengariff, June 18; Caragh Lake, Aug. 13; Parknasilla, July 18. Not so common as the next species.
- P. rosarum**, Fab.—Glengariff, June 16, 19, 20; Kenmare, July 10; Cloonee, July 3; Waterville, Aug. 3. Common.
- Melanostoma mellinum**, Linn.—Kenmare, Loo Bridge, Parknasilla, Darrynane, Waterville, Caragh Lake, and Glencar. Common everywhere, though, strange to say, no specimens from Glengariff have been brought away.
- M. scalare**, Fab.—Caragh Lake, male, Aug. 20; Valencia Island, male, Aug. 10; Kenmare, male, Sept. 1; Loo Bridge, male, Aug. 28.
- Xanthandrus comtus**, Harris.—Loo Bridge, male, July 6. The only specimen.
- Leucozona lucorum**, Linn.—Parknasilla, July 18; Darrynane, July 31. Seen at Kenmare. Uncommon.
- Ischyosyrphus glaucius**, Linn.—Kenmare, male, June 30; female, June 30 and July 7; Darrynane, female, July 31; Valencia Island, female, Aug. 8. Common.
- I. laternarius**, Müller—Kenmare, Parknasilla, Waterville, and Valencia Island. Common.
- Didea intermedia**, Loew—Parknasilla, male, July 12; female, July 21; Glengariff, female, June. Rare.
- Catabomba pyrastri**, Linn.—Kenmare, female, July 9; Waterville, female, July 29 and 30; Dooks, near Glenbeigh, female, Aug. 15. Uncommon.
- Syrphus albostrigatus**, Fall.—Glengariff, male, June 16, 17; Darrynane, July 31. Uncommon.



- Syrphus trilineatus**, Fall.—Glengariff, female, June 15. Rare.
- S. torvus**, Osten-Sacken—Valencia Island, male, Aug. 7. Rare; the only specimen.
- S. grossulariæ**, Meig.—Kenmare, male, July 10; female, July 7; Valencia Island, male and female, Aug. 7; female, Aug. 10. Common at Valencia Island.
- S. ribesii**, Linn.—Valencia Island, female, Aug. 10; Loo Bridge, female, Aug. 28; Parknasilla, female, July 12. Probably common.
- S. vitripennis**, Meig.—Glengariff, Kenmare, Loo Bridge, Parknasilla, and Valencia Island. V. common.
- S. corollæ**, Fab.—Waterville, male, July 27. Darrynane, July 31. Caragh Lake, Aug. 14. Apparently not common.
- S. luniger**, Meig.—Glengariff, male, June 15. Loo Bridge, Aug. 24. Caragh Lake, Aug. 13. Apparently uncommon.
- S. bifasciatus**, Fab.—Kenmare, male, June 30. Glengariff, female June 16. Appears to be uncommon.
- S. balteatus**, De Geer—Kenmare, male, June 30. Waterville, male, Aug. 3. Caragh Lake, male, Aug. 14. Probably common, though only four males have been brought away.
- S. cinctellus**, Zett.—Glengariff, male, June 14; female, June 12. Parknasilla, July 24. Uncommon.
- S. auricollis**, Meig.; var. **maculicomis**, Zett.—Valencia Island, male, Aug. 8; female, Aug. 7. Apparently uncommon.
- S. umbellatarum**, Fab.—Parknasilla, female, July 23. Only specimen.
- S. arcticus**, Zett.—Kenmare, male, Aug. 26. Rare. Only specimen taken sitting on a leaf of Alder, near Drumnassig Bridge.
- Sphærophoria menthastri**, Linn. var. **picta**, Meig.—Loo Bridge, male, Aug. 28. Kenmare, male, June 26. Probably common, though only two specimens of *Sphærophoria* have been brought away.
- Baccha obscuripennis**, Meig.—Glengariff, June 23. Singleton.
- B. elongata**, Fab.—Loo Bridge, June 29. Valencia Island, Aug. 8. Uncommon.
- Spegina clunipes**, Fall.—Parknasilla, July 24. Only specimen.
- Ascia podagrica**, Fab.—Kenmare, June 26.
- A. floralis**, Meig.—Glengariff and Parknasilla, both sexes, July 12. Ardgroom, July 20. Waterville, Aug. 8. These specimens apparently all belong to Verrall's interpretation of *Ascia floralis*, though all agree better with Meigen's description of *A. dispar*. Still, having due regard for Verrall's remarks under the head of Synonymy (*l.c.* p. 473), the former name has been preferred.
- Rhingia campestris**, Meig.—Glengariff, June 12. Kenmare, June 28. Common everywhere.
- Volucella bombylans**, Linn.—Kenmare, Parknasilla, and Valencia Island. Very common. The common form in Co. Kerry appears to be var. *plumata*, typical *bombylans* is not common, while var. *haemorrhoidalis* was not met with.
- V. pellucens**, Linn.—Glengariff, June 16. Kenmare, July 9. Common everywhere.

- Eristalis sepulchralis**, Fab.—Kenmare, June 27. Loo Bridge, June 29. Very common at Kenmare, on the shores of the Kenmare River.
- E. æneus**, Scop.—Glengariff, June 18. Kenmare, June 28, July 4 and 7. Very common on the shores of the Kenmare River.
- E. cryptarum**, Fab.—Loo Bridge, a male and five females, July 6 and 8. Round the flowers of *Potentilla paludosa*; rare. This rare species has only been recorded from Devonshire (southern fringe of Dartmoor), New Forest, and Dorset. In Devonshire it showed a partiality for the Whortleberry (*V. oxycoccus*). Its discovery, sitting on the flowers of *Potentilla* at Loo Bridge, was, therefore, an unexpected revelation.
- Eristalis tenax**, Linn.—Loo Bridge, July 6; probably common, though only a single specimen has been brought away.
- E. intricarius**, Linn.—Kenmare, July 2; Loo Bridge, July 6; Parknasilla, July 12 and 21. Common and generally distributed.
- E. arbustorum**, Linn.—Waterville, male, July 27; female, Aug. 2. Probably common.
- E. pertinax**, Scop.—Glengariff, June 12; Loo Bridge, male, June 28; Valencia Island, male, Aug. 7; Waterville, July 27; Loo Bridge, July 8. The two males from Loo Bridge and Valencia Island show the dark markings round the stigma to an unusual extent.
- E. horticola**, De Geer—Loo Bridge, June 28; Glengariff, June 13 and 24. Probably common
- Myiatropa florea**, Linn.—Kenmare, July 4; Parknasilla, July 12. Common everywhere.
- Helophilus hybridus**, Loew—Waterville, Aug. 2. Common at a small loch near the mouth of the Inny.
- H. pendulus**, Linn.—Glengariff, June 12; Kenmare, June 30. Common everywhere.
- H. versicolor**, Fab.—Loo Bridge, July 6; only specimen. The well-marked black tip to the front tibiæ of this specimen is worthy of note.
- H. lunulatus**, Meig.—Cloonee, July 3; Loo Bridge, July 8. Uncommon.
- H. lineatus**, Fab.—Glengariff, June 21; Loo Bridge, June 29. Not uncommon.
- Criorrhina berberina**, Fab.—Glengariff, June 23. Rare—one other specimen seen.
- Xylota segnis**, Linn.—Glengariff, June 12 and 23; Kenmare, July 4 and 5; Valencia Island, Aug. 10. Common and generally distributed.
- X. sylvarum**, Linn.—Kenmare, June 30 and July 8, Parknasilla. Not common.
- Syritta pliens**, Linn.—Glengariff, June 14 and 16. Very common.
- Chrysochlamys cuprea**, Scop.—Kenmare, June 28. The only specimen seen.
- Sericomyia borealis**, Fall.—Glengariff, June 12, 15, 18. Common everywhere.

- Sericomyia lappona**, Linn.—Glengariff, June 14. Seen at Kenmare and Parknasilla—rather rare.
- Chrysotoxum arcuatum**, Linn.—Kenmare, June 28 and September 1. Uncommon.
- C. festivum**, Linn.—Glengariff, June 13-24; Kenmare, June 27—July 4; Parknasilla, July 13. Common.
- C. bicinctum**, Linn.—Glengariff, June 21 and 23; Kenmare, June 28. Very common.
- Microdon mutabilis**, Linn.—Glengariff, June 13, 15, 24; Kenmare, June 28. Both sexes of this rare species were taken at Glengariff; it was found in two widely separated localities, while at Kenmare it was found on the south side of the river, about a mile below the Suspension Bridge. In all these localities the species showed a weakness for the Sweet Gale (*Myrica gale*).

#### CONOPIDÆ.

- Conops quadrifasciatus**, De Geer.—Kenmare, male and female, *in coitu*, Sept. 1. Males common at Kenmare and Caragh Lake during latter half of August; females rare.
- Sicus ferrugineus**, Linn.—Very common at Glengariff, Cloonee, Kenmare, Parknasilla, Waterville, Valencia Island, and Caragh Lake.
- Myopa buccata**, Linn.—Glengariff, June 15; Kenmare, June 28. Only specimens seen.
- M. fasciata**, Meig.—Kenmare, Aug. 23. Only specimen.

#### MUSCIDÆ.

- Exorista fimbriata**, Meig.—Waterville, male, July 28; Darrynane, female, July 31; Beown Mountain, July 22.
- Exorista sp. inc.**—Waterville, July 28.
- Exorista sp. inc.**—Waterville, male and females, July 28; Valencia Island, Aug. 7; Loo Bridge, July 8.
- Exorista sp. inc.**—Glengariff, female, June 24.
- Exorista sp. inc.** (*Parexorista*, Brauer and Von Berg.)—Valencia Island, Aug. 8.
- Blepharidea sp. inc.** (*Exorista*, olim.)—Parknasilla, male, bred from pupa of *Zygana filipendulæ*; pupa found July 15, fly emerged Aug. 4.
- B. vulgaris**, Fall. (*Exorista vulgaris*, Verrall's List).—Loo Bridge, July 7.
- Phorocera cilipeda**, Rond.—Parknasilla, female, bred from pupa of *Z. filipendulæ*; pupa found July 15, fly emerged Aug. 8.
- Eutachina præpotens**, Meig.—Waterville; both sexes; July 27.
- E. rustica**, Meig.—Kenmare, June 26 and 30; Cloonee, July 3.
- Perichæta unicolor**, Fall.—Glengariff, June 23. Not in Verrall's List.
- Thelymorpha marmorata**, Fab.—Valencia Island, Aug. 10.
- Somoleja rebaptirata**, Rond. (*Polidea anea*, Verrall's List).—Parknasilla, July 17; Glengariff, June 14; Valencia Island, Aug. 13. Common.
- Degeeria convexifrons**, Zett.—Waterville, Aug. 3. Only specimen.

**Thelaira leucozona**, Panz.—Kenmare, June 26 and July 7; Parknasilla, July 12, 13, and 17; Ardgroom, July 20; Darrynane, July 31; Waterville, Aug. 1; Glencar, Aug. 16; and var. *nigripes*, Fab., Cloonee, July 3. Males very common. The female and the var. *nigripes* decidedly uncommon.

**Demoticus frontatus**, Boh.—Parknasilla, July 13; Waterville, July 28; Caragh Lake, Aug. 13; Kenmare, Aug. 27. Uncommon.

**Olivieria lateralis**, Fab.—Kenmare, July 7; Loo Bridge, Aug. 28. Very common.

**Lophosia fasciata**, Meig.—Parknasilla, July 24. At the time when this specimen was identified (24th July) the species had never been recorded as British, but about the same date Mr. Adams took three specimens in the New Forest (in his glass-house), and these specimens were identified for him later on by Mr. Austen and were recorded *E.M.M.*, Sept., 1901, p. 212.

**Micropalpus vulpinus**, Fall.—Glengariff, June 16; Loo Bridge, June 29; Kenmare, June 30; Parknasilla, July 12 and 24; Staigue Fort, July 19. Very common.

**Erigone radicum**, Fab.—Caragh Lake, Aug. 20; Kenmare, Sep. 1.

**E. sp. inc.** (near *consobrina*, Meig.)—Parknasilla, July 12; Waterville, July 22 and 23, and Aug. 1; Valencia Island, Aug. 7.

**E. sp. inc.**—Waterville, July 28.

**E. sp. inc.**—Kenmare, Sep. 1. Two specimens.

**Tachina grossa**, Linn. (*Echinomyia grossa*, Verrall's List).—Common, and generally distributed during July and August; probably the most interesting locality is the cairn, on the summit of Beown Mountain (2,468 ft.), July 22.

**T. fera**, Linn. (*Echinomyia fera*, Verrall's List).—Kenmare, June 27 and July 10; Cloonee, July 3; Parknasilla, July 12. Not common. These Irish specimens are not quite typical, having darkened femora, &c.

**Plagia curvinervis**, Zett.—Glengariff, June 23; Kenmare, Sep. 1.

**Thryptocera sp. inc.**—Caragh Lake, Aug. 31. The following is Mr. Austen's note on this specimen:—"Not *crassicornis*, Mg., since the 3rd joints of the antennæ are too narrow, and the pollinose bands on the abdomen far too broad. The latter character also prevents its being *T. pilipennis*, Fln., according to Fallen's own description. I have worked through every species mentioned by Schiner, and cannot identify it.—E.E.A."

**Siphona geniculata**, Deg.—Parknasilla, female, July 18; Waterville, female, Aug. 3.

**S. sp. inc.** (? *melanocera*, Rob. Desv.)—Parknasilla, male, July 13; Waterville, female, Aug. 3.

**Gymnosoma rotundatum**, Linn.—Glengariff, June 18, 20, and 23; Kenmare, Sept. 1 (at Scabious blossom near Drumnassig Bridge.)

Kunckel d'Herculais and others have bred this fly from the imago of the Hemipteron *Pentatoma dissimilis* (= *Palomena prasina*, Linn.). After reading Kunckel d'Herculais' account (*Trans. Soc. Ent. Fr.*, 5<sup>me</sup> ser., ix., 1879, p. 349, *et. seq.*), I enquired of Mr. Distant whether *Palomena prasina* was to be found among the Rhyncota taken at Glengariff, and on receiving an answer to the affirmative I examined the specimens, and immediately recognised it as a bug I had swept in the wet ground near Glengariff Castle at the same time as I swept *G. rotundatum*. A *post-mortem* was held on all the specimens of *P. prasina*, but no sign of a parasitic larva could be found in any of them.

**Allophora obesa**, Fab. — Parknasilla, July 18; Caragh Lake, Aug. 13 and 20. Rare. A few specimens at chamomile flowers.

**Sarcophaga carnaria**, Linn.—Darrynane, female, July 31.

**S. nigriventris**, Meig.—Dooks (Glengariff), Aug. 15; Waterville, July 26.

**S. sp. inc.**—Darrynane, July 31.

**S. hæmorrhœa**, Meig.—Kenmare, male, June 28.

**S. sp. inc.**—Glengariff, Aug. 17; Waterville, Aug. 2.

**Mitogramma punctata**, Meig.—Darrynane, July 31; Staigue Fort, July 19; Valencia Island, Aug. 10; Loo Bridge, Aug. 24; Waterville, July 27. Common wherever sand-hills occur, either sitting on the sand or on the flowers of the Ragwort. I frequently watched these flies "shadowing" bees of the genus *Colletes*, and in England the fly is well known to be a parasite on *Colletes succinata*; in Ireland, however, I suspect some other species of this genus will prove to be the host.

**Metopla campestris**, Fall.—Glengariff, June 12; Kenmare, July 10; Parknasilla, July 21.

**Dexiosoma caninum**, Fab.—Glengariff, June 12 and 15; Parknasilla, July 11 and 24; Caragh Lake, Aug. 14. Common.

**Prosenia siberita**, Fab.—Darrynane, July 31; Waterville, Aug. 2; Caragh Lake, Aug. 13; Glencar, Aug. 16. Common at Ragwort blossom on the sand-hills.

**Stomoxys calcitrans**, Linn.—Valencia Island, Aug. 7. Apparently not so common, nor so generally distributed as the next species.

**Hæmatobia stimulans**, Meig.—Parknasilla, July 21; Glengariff, June 23; Staigue Fort, July 19; Waterville, Aug. 3; Kenmare, July 10. Very common.

**Graphomyia maculata**, Scop.—Glengariff, June 15; Kenmare, June 28. Common everywhere.

**Mesembrina meridiana**, Linn.—Glengariff, June 17. Common everywhere, although only one specimen has been brought away.

**Lucilia cæsar**, Linn.—Valencia Island, Aug. 7. Probably common.

No specimens have been brought away of several common Muscidae —e.g., *Musca domestica*, *Calliphora vomitoria*, *Pollenia rudis*, *Onesia sepulchralis*, &c., &c.

## CESTRIDÆ.

**Gastrophilus equi**, Fab.—Caragh Lake, female, Aug. 13. Although only one specimen was taken, the number of eggs seen on the shoulders, knees, &c., of horses running loose at Waterville showed that the species was about in some numbers.

## ANTHOMYIDÆ.

**Polietes lardaria**, Fab.—Although no specimens of this species have been brought away, it was very much in evidence at Kenmare and Parknasilla, rising in swarms off the horse droppings in the roads.

**Hytodesia incana**, Wied.—Parknasilla, July 24; Kenmare, Sept. 1.

**Spilogaster notata**, Fall.—Waterville, July 30.

**S. communis**, Desv.—Dooks (Glenbeigh), Aug 15.

**S. exsul** Zett. ?—Darrynane, female, July 31; Waterville, male, July 27; Glenbeigh, male, Aug. 17; Dooks (near Glenbeigh), male, Aug. 15. Probably not uncommon on the sand-hills. These specimens are probably identical with those identified by Mr. Verrall as *S. protuberans* and by Dr. Meade as *Caricea exsul*. As they agree best with the description of *S. exsul*, Zett., that name has been selected. It would be interesting to know the distinctions between the three species, *S. protuberans*, *S. exsul*, and *S. consimilis*.

**Spilogaster sp. Inc.**—Glengariff, June 13.

**Hydrotæa dentipes**, Fab.—Darrynane, July 31.

**H. arripes**, Fab.—Waterville, Aug. 2.

**Drymlla hamata**, Fall.—Parknasilla, July 22; Waterville, July 28; Valencia Island, Aug. 7; Kenmare, Aug. 27; Loo Bridge, Aug. 28. Very common.

**Hylemyla strigosa**, Fab.—Waterville, both sexes, Aug. 4; Kenmare, male, June 26. The following is Mr. Austen's note on these specimens:—"The male specimens seem to represent a variety or local race, since the front tibiæ are black except at the base, and the middle tibiæ are black at the extreme tip—E. E. A., Nov. 2."

**H. sp. Inc.**—Waterville, male, Aug. 1.

**Chortophila arenosa**, Zett.—Waterville, July 30; Dooks (Glenbeigh), Aug. 15; Waterville, female?, July 26; Glenbeigh, female?, Aug. 17. Probably common on the sand-hills; the females are located here with some doubt. According to Meade the species should stand under the genus *Phorbia*.

**Phorbia floccosa**, Macq.—Staigue Fort, July 19.

**P. discreta**, Meig.—Parknasilla, July 24.

**P. trichodactyla**, Rond.—Staigue Fort, July 19.

**Pegomyia bicolor**, Wied.—Glengariff, male, June 16; Loo Bridge, female, June 28; Waterville, male, July 28; Waterville, female, Aug. 3.

**Homalomyla manicata**, Meig.—Caragh Lake, male, Aug. 20.

**H. canicularis**, Linn.—Valencia Island, Aug. 11.



- Carlcea tigrina**, Fab.—Glengarriff, Ardgroom, Kenmare, Loo Bridge, Waterville, Valencia Island. Generally common.
- Cœnosia albicornis**, Meig.—Glencar, Aug. 16. An addition to the British List.
- C. verna**, Fab.—Ardgroom, July 20; Kenmare, Aug. 23; Glengarriff, female, June 14. In italics in Verrall's List.
- Hoplogaster molliscula**, Fall.—Parknasilla, female, July 17.
- Fucellia maritima**, Hal.—Glengarriff, Waterville, Staigue Fort, Valencia Island. Very common on the sea coast. *F. marina*, Macq., is a synonym for this species, but no attempt has been made to ascertain which name has priority. Becker's location of this genus in the *Anthomyidæ* is now generally accepted.

A few specimens (chiefly females) still remain undetermined in this family, but it is not worth while wasting more time over them.

#### CORDYLURIDÆ.

- Cordylura pudica**, Meig.—Loo Bridge, both sexes, Aug. 24 and 28. Met with in one spot only, but there fairly common.
- Trichopalpus punctipes**, Meig.—Glencar, both sexes, Aug. 16. A few specimens in clumps of *Carex* on the banks of the Caragh River.
- Scatophaga analls**, Meig.—Glengarriff, June 12, 17, and 18; Loo Bridge, Aug. 28. Not common.
- S. scybalaria**, Linn.—Kenmare, Loo Bridge, Ardgroom, Waterville. Common.
- S. sullia**, Fab.—Glengarriff, June 12; Waterville, July 28; Glencar, Aug. 16. Not common.
- S. inquinata**, Meig.—Glengarriff, June 12; Parknasilla, July 24. Uncommon.
- S. stercoraria**, Linn.—Dooks, near Glenbeigh, male, Aug. 15. An unusually bright specimen. Waterville, female, July 26. Probably common.
- S. merdarla**, Fab.—Waterville, July 26. Probably common.
- S. litorea**, Fall.—Glengarriff, Kenmare, Cloonee, Parknasilla, Waterville, Caragh Lake, Glencar. Common all along the coast, sometimes strays some distance inland, e.g., Glencar and Clonee (Upper Lake).
- S. squalida**, Meig.—Waterville, Aug. 3. Probably common.
- S. dalmatica**, Beck?—Glengarriff, June 14. This species is probably the same as *S. decipiens* of Haliday, and may be the same as *S. fluvialis*, Rnd.
- Ceratinostoma ostiorum**, Hal.—Glengarriff and Kenmare, but probably common all round the coast.

#### PHYCODROMIDÆ.

- Orygma luctuosum**, Meig.—Kenmare, June 26. Staigue Fort, July 14; Waterville, July 27. Common on the sea shore under marine, rejectimenta.
- Phycodroma fucorum**, Zett.—Glenbeigh, Aug. 17.
- Ædoporea buccata**, Fallen—Waterville, July 26. Only specimen, though it ought to be common on the sand hills,

**Cœlopa gravis**, Hal. ?—Waterville, July 27; Glengariff, June 20; Glenbeigh, Aug. 17. Common under marine rejectamenta. A specimen taken at Loo Bridge, June 29, seems to have got off its beat. This genus requires thorough overhauling. A long series will probably show a complete gradation without break from the large form *C. gravis*, Hal., through *C. frigida*, Fall., to the small form *C. parvula*, Hal., in which case all the forms will have to stand under the name of *Cœlopa frigida* of Fallen. Further, Mr. Collin informs me that the generic name *Cœlopa* will probably have to be restricted to *C. pilipes*, Hal., while *C. frigida* and its varieties will have to stand in the genus *Fucomyia*.

#### HELOMYZIDÆ.

**Helomyza rufa**, Meig.—Parknasilla, July 17 and 21; Caragh Lake, Aug. 13; Valencia Island, Aug. 20. This species (*H. variegata* of Verrall's List) is not uncommon on decaying fungi.

**H. pectoralis**, Loew—Valencia Island, Aug. 9. The only specimen.

**H. Zetterstedti**, Loew—Parknasilla, July 21; Waterville, Aug. 4

**Blepharoptera sp. inc.**—Kenmare, June 26. Two specimens given to Mr. Verrall as indecipherable. Apart from the natural difficulties attached to the genus, these specimens had suffered much from grease.

**Tephrochlamys rufiventris**, Meig.—Glengariff, June 12.

#### SCIOMYZIDÆ.

**Actora æstum**, Meig.—Darrynane, July 31. Probably common on all sandy shores.

**Dryomyza anilis**, Fall.—Parknasilla, July 17. Apparently uncommon.

**D. flaveola**, Fab.—Glengariff, June 12 and 24. Uncommon.

**Sciomyza albocostata**, Fall.—Glengariff, both sexes, June 12, 15, and 18. Rare. Waterville, Aug. 3.

**S. cinerella**, Fall.—Kenmare, June 27; Darrynane, July 31; Waterville, July 27. Rare.

**S. Schönherri**, Fall.—Glencar, Aug. 16; Loo Bridge, Aug. 28. Uncommon.

**S. pallida**, Fall. (*Renocera*, Hendel.) Parknasilla, July 24; Kenmare, Sept. 1. Rare. These two specimens undoubtedly belong to the species which we in England are accustomed to call *S. pallida*, Fallen, but it is equally certain that they belong to *Renocera sintenisiana*, Hendel (*Verh. Z.-b. Gesell. Wien*, Band 1, p. 347, 1900). *Renocera* seems to be a good genus, linking *Sciomyza* with *Tetanocera* through *T. unicolor*. It would be interesting, however, to know in what way, if any, the insects we know in England as *S. pallida* and *S. fuscinervis*, Zett., differ from *R. sintenisiana* and *R. strobli*. Our English insects appear to be correctly identified, and the former is (in England at any rate) so common, that any doubt about its correct identification appears to be impossible.

- Tetanocera elata**, Fab.—Glengariff, June 12, 14, and 15; Ardgroom, July 20; Kenmare, June 27; Parknasilla, July 12; Waterville, July 28. Common.
- T. lævifrons**, Loew—Glengariff, June 12 to 21; Parknasilla, July 13 and 17. Very common at Glengariff.
- T. ferruginea**, Fall.—Loo Bridge, both sexes, June 29; Ardgroom, July 20; Waterville, July 26; Caragh Lake, Aug. 13; Glencar, Aug. 16. Apparently uncommon.
- T. robusta**, Loew—Glengariff, both sexes, June 12; Loo Bridge, July 6. Rare.
- T. coryleti**, Scop. (*Pherbina coryleti*, Hendel).—Kenmare, July 2; Loo Bridge, June 29; Parknasilla, July 14; Waterville, July 30 and Aug. 3; Caragh Lake, Aug. 14; Glencar, Aug. 16. Common, and generally distributed, though it was not taken at Glengariff. This species is the *T. reticulata* of Verrall's List, but should, *apud* Hendel (*Verh. Z.-b. Gesell. Wien*, Band 1., p. 347, 1900), stand under the head of *T. coryleti*, Scop.—the *T. coryleti* of Verrall's List being probably *T. charophyllii*, Fab. (*Lunigera charophyllii*, Hendel), a doubtfully British species.
- T. umbrarum**, Linn. (*Monochætophora umbrarum*, Hendel).—Kenmare, July 2; Parknasilla, July 17; Ardgroom, July 20; Waterville, Aug. 13. Not common.
- T. punctulata**, Scop. (*Trypetoptera punctulata*, Hendel).—Glengariff, June 19; Kenmare, June 28; Parknasilla, July 12. Uncommon.
- T. unicolor**, Loew—Cloonee, July 3. Only specimen.
- In the Tetanocerinae four genera (*Tetanocera*, *Limnia*, *Elgiva*, and *Sepedon*) have heretofore been considered sufficient, but should we decide to follow Hendel (*Verh. k.-k. Zool.-bot. Gesell. Wien*, 1900, Band 1., p. 319, and *Term. Fuz.*, xxiv, 1901, p. 138) we shall require twelve genera or sub-genera. Whether in our present knowledge of the Diptera of the world this splitting up is advisable is a matter in which there is room for considerable difference of opinion. Many of these genera are monotypical, and some of the names, *e.g.*, *Renocera*, do not seem to have been happily formed.
- Limnia unguicornis**, Scop.—Glengariff, June 14 and 15; Cloonee, July 3; Kenmare, June 30, July 7, and Aug. 23; Loo Bridge, June 29. Not common.
- Elgiva albisetæ**, Scop.—Glengariff, Kenmare, Loo Bridge, Parknasilla, Waterville, Glencar. Common, and generally distributed.
- E. lineata**, Fall.—Glengariff, June 12; Cloonee, July 3; Kenmare, July 2; Parknasilla, July 12 to 24; Waterville, July 28; Glencar, Aug. 16. Common, and generally distributed.
- E. dorsalis**, Fab. (*Hydromyza dorsalis*, Hendel).—Glengariff, June 13 and 20; Kenmare, June 30 and July 2. Rare. A male taken at Kenmare, June 30, had three immature ticks attached to the thorax, near the base of the wings.

## PSILIDÆ.

- Psila debilis**, Egg.—Glengariff, June 23. Only specimen.  
**Chyllza leptogaster**, Panz.—Glengariff, June 12 and 24. Not uncommon; running up and down on the trunks of ash trees.  
**Loxocera aristata**, Panz.—Cloonee, July 3; Waterville, July 28; Caragh Lake, Aug. 13. Not common.  
**L. albiseta**, Schrk.—Parknasilla, July 13 and 24; Loo Bridge, Aug. 28. As a rule not common, though it occurred in some numbers at Parknasilla on the 24th July.

## ORTALIDÆ.

- Pteropæctrla frondescentiæ**, Linn.—Glengariff, June 14; Kenmare, June 28; Parknasilla, July 12; Waterville, July 28.  
**Rivellia syngenesiæ**, Fab.—Kenmare, June 26.

## TRYPETIDÆ.

- Trypeta onotrophes**, Loew.—Glengariff, June 20. On this occasion in numbers. Kenmare, June 28, male and female (*in coitu*).  
**T. florescentiæ**, Linn.—Glengariff, June 20. A single specimen in company with the preceding species.  
**Acidla heraclei**, Linn.—Parknasilla, July 13. Only specimen.  
**Tephritis milliarla**, Schrk.—Glengariff, June 12; Kenmare, July 2. Probably common, though only a few specimens have been brought away.  
**T. conura**, Loew.—Glengariff, June 12; Kenmare, June 26.  
**T. vespertina**, Loew.—Waterville, Aug. 2 and 3; Kenmare, Sept. 1.  
**Euaresta conjuncta**, Loew.—Glencar, male, Aug. 26; Glenbeigh, female, Aug. 17.

## SAPROMYZIDÆ.

- Peplomyza Wiedemanni**, Loew.—Glengariff, June 12, 18, and 23; Parknasilla, July 12 and 21.  
**Sapromyza longipennis**, Fab.—Glengariff, June 14. Only specimen.  
**S. lupulina**, Fab.—Glengariff, June 12; Loo Bridge, Aug. 24.  
**S. fasciata**, Fall.—Kenmare, June 26.  
**S. sp. Inc.** (near *intonsa*).—Valencia Island, Aug. 9.  
**S. sp. Inc.**—Waterville, July 26, 27, and 30; Glenbeigh, Aug. 17. Common in the coarse grass; growing on the sand-hills.  
**S. inusta**, Meig.—Glengariff, June 12 to 23; Parknasilla, July 15 to 17; Caragh Lake, Aug. 14 to 20. Common.  
**S. sexpunctata**, Meig.—Staique Fort, July 19. Not in Verrall's List.  
**S. porida**, Fall.—Waterville, Aug. 4; Glengariff, June 15.  
**S. sp. Inc.** Glengariff, June 18.

**HETERONEURIDÆ.**

**Stomphastica flava**, Meig.—Waterville, Aug. 4. On decaying fungus, only two specimens.

**OPOMYZIDÆ.**

**Opomyza germinationis**, Linn.—Glengariff, June 12; Kenmare, June 26; Parknasilla, July 17.

**SEPSIDÆ.**

**Sepsis punctum**, Fab.—Glencar, Aug. 16; Loo Bridge, Aug. 28.

**S. violacea**, Meig.—Kenmare, June 26.

**S. cynipsea**, Linn.—Glengariff, June 12.

**Nemopoda cylindrica**, Fab.—Glengariff, June 15; Kenmare, June 28, Aug. 22, Sept. 1.

**GEOMYZIDÆ.**

**Diastata nebulosa**, Fall.—Glengariff, June 12. The only specimen.

**EPHYDRIDÆ.**

**Ochthera mantis**, Deg.—Glengariff, June 21; Parknasilla, July 17; Loo Bridge, June 29; Glencar, Aug. 16. Probably more common than these dates appear to indicate.

**Parhydra coarctata**, Fall.—Kenmare, Aug. 26. Probably common.

**Notiphila uliginosa**, Hal.—Glengariff, females, June 21.

**N. annulipes**, Stenh.—Parknasilla, male and female (*in coitu*), July 13.

**N. cinerea**, Fall.—Glengariff, June 21; Waterville, July 26; Darrynane, July 31.

**CHLOROPIDÆ.**

**Meromyza pratorum**, Meig.—Waterville, July 27 and 30. Common.

**M. saltatrix**, Linn.—Waterville, July 27.

**Centor myoplus**, Loew—Kenmare, June 30; Caragh Lake, Aug. 13.

**AGROMYZIDÆ.**

**Agromyza sp. inc.**—Waterville, July 27.

**A. capitata**, Zett.—Kenmare, July 2. Not in Verrall's List.

**Ochthiphila flavipalpis**, Hal.—Waterville, July 26. Common on the sand hills. This species appears in Verrall's List as *O. maritima* (Dufour).

**PHORIDÆ.**

**Phora crassicornis**, Meig.—Kenmare, Aug. 23. A singleton.

The Irish Diptera to be found in the British Museum collection are so few that it seems worth while to record them here.

INCORPORATED IN THE COLLECTION.

- Tipula gigantea**, Schrk.—Leenane (Co. Galway), July 14, 1892 (Austen).  
**Sargus Iridatus**, Scop.—Roscrea (Co. Tipperary), June 23, 1895 (Gahan).  
**Theroloplectes montanus**, Meig.—Leenane, July 14, 1892, and Lough Conn (Co. Mayo), July 27, 1892 (Austen).  
**Chrysops relictus**, Meig.—Leenane, July 14, 1892 (Austen).  
**Leptis scolopacea**, Linn.—Leenane, July 14, 1892 (Austen).  
**Chillosa illustrata**, Harris—Lough Conn, July 27, 1892 (Austen).  
 This specimen does not belong to the bright Kerry form.  
**Pyrophæna granditarsa**, Forster.—Loughrea (Co. Galway), Sep. 20, 1893 (Gahan).  
**Eristalis pertinax**, Scop.—Leenane, July 14, 1892 (Austen).  
**Scatophaga stercoraria**, Linn.—Roscrea, June, 1895 (Gahan).  
**Ædoparea buccata**, Fall.—Waterville (Co. Kerry), Dec. 20, 1893 (Yerbury).  
**Pteropæctria frondescens**, Linn.—Roscrea, June 26, 1895 (Gahan).  
**Tephritis elongatula**, Loew—Kilmore (Co. Wexford), Aug. 13, 1898 (Beaumont).  
**Tephritis sp. inc.**—Kilmore, Aug. 13, 1898 (Beaumont).  
**Opomyza germinationis**, Linn.—Leenane, July 14, 1892 (Austen); Roscrea, June, 1895 (Gahan).  
**Ornithomyia avicularia**, Linn.—Wicklow (Red Grouse), from the Editor of *The Field*.

Among the unincorporated accessions are the following collected by Mr. Gahan at Roscrea, Co. Tipperary, and Loughrea, Co. Galway, during June, 1895:—

- |  |   |
|--|---|
| <i>Empis tessellata</i> , Fab.         | <i>Eristalis tenax</i> , Linn.                                  |
| Dolichopidæ sp. inc.                   | <i>E. arbustorum</i> , Linn.                                    |
| <i>Pipizella</i> sp.                   | <i>E. pertinax</i> , Linn.                                      |
| <i>Platychirus manicatus</i> , Meig.   | <i>Helophlius pendulus</i> , Linn.                              |
| <i>Xanthandrus comtus</i> , Harris.    | <i>Sericomyia borealis</i> , Fall.                              |
| <i>Syrphus ribesii</i> , Linn.         | <i>Sarcophaga carnaria</i> , Linn.                              |
| <i>S. luniger</i> , Meig.              | <i>Calliphora vomitoria</i> , Linn.                             |
| <i>Sphærophoria menthastri</i> , Linn. | Anthomyidæ, four sp. inc.                                       |
| <i>Volucella pellucens</i> , Linn.     | And some indeterminable <i>Acalyptrates</i> , in bad condition. |